

J. Riley,

RAW SEQUENCE LISTING

DATE: 04/12/2001

PATENT APPLICATION: US/09/436,454A

TIME: 10:58:59

Input Set : N:\Crif3\RULE60\09436454A.txt

Output Set: N:\CRF3\04122001\I436454A.raw

SEQUENCE LISTING

2 (1) GENERAL INFORMATION:

3 (i) APPLICANT: Perkin-Elmer Corporation,
 4 Applied Biosystems Division
 5 (ii) TITLE OF INVENTION: HYBRIDIZATION ASSAY USING SELF-QUENCHING
 6 FLUORESCENCE PROBE

7 (iii) NUMBER OF SEQUENCES: 14

8 (iv) CORRESPONDENCE ADDRESS:

9 (A) ADDRESSEE: David J. Weitz,
 10 Haynes & Davis

11 (B) STREET: 2180 Sand Hill Road, Suite 310

12 (C) CITY: Menlo Park

13 (D) STATE: California

14 (E) COUNTRY: USA

15 (F) ZIP: 94025-6935

17 (v) COMPUTER READABLE FORM:

18 (A) MEDIUM TYPE: 3.5 inch diskette

19 (B) COMPUTER: IBM compatible

20 (C) OPERATING SYSTEM: Microsoft Windows 3.1/DOS 5.0

21 (D) SOFTWARE: Wordperfect for windows 6.0,
 22 ASCII (DOS) TEXT format

24 (vi) CURRENT APPLICATION DATA:

C--> 25 (A) APPLICATION NUMBER: US/09/436,454A

C--> 26 (B) FILING DATE: 08-Nov-1999

27 (C) CLASSIFICATION:

29 (vii) PRIOR APPLICATION DATA:

30 (A) APPLICATION NUMBER: 09/207,170

31 (B) FILING DATE:

33 (viii) ATTORNEY/AGENT INFORMATION:

34 (A) NAME: David J. Weitz

35 (B) REGISTRATION NUMBER: 38,362

36 (C) REFERENCE/DOCKET NUMBER: PELM4264CIP2

38 (ix) TELECOMMUNICATION INFORMATION:

39 (A) TELEPHONE: (415) 233-0188

40 (B) TELEFAX: (415) 233-1129

42 (2) INFORMATION FOR SEQ ID NO: 1:

43 (i) SEQUENCE CHARACTERISTICS:

44 (A) LENGTH: 24 nucleotides

45 (B) TYPE: nucleic acid

46 (C) STRANDEDNESS: single

47 (D) TOPOLOGY: linear

48 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

49 ACCACAGGA ACTGATCACC ACTC 24

51 (2) INFORMATION FOR SEQ ID NO: 2:

52 (i) SEQUENCE CHARACTERISTICS:

53 (A) LENGTH: 26 nucleotides

54 (B) TYPE: nucleic acid

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55      (C) STRANDEDNESS: single
56      (D) TOPOLOGY: linear
57      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
58 ATGTCGCGTT CCGGCTGACG TTCTGC          26
60 (2) INFORMATION FOR SEQ ID NO: 3:
61      (i) SEQUENCE CHARACTERISTICS:
62          (A) LENGTH: 27 nucleotides
63          (B) TYPE: nucleic acid
64          (C) STRANDEDNESS: single
65          (D) TOPOLOGY: linear
67      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
68 TCGCATTACT GATCGTTGCC AACCAGT          27
70 (2) INFORMATION FOR SEQ ID NO: 4
71      (i) SEQUENCE CHARACTERISTICS:
72          (A) LENGTH: 31 nucleotides
73          (B) TYPE: nucleic acid
74          (C) STRANDEDNESS: single
75          (D) TOPOLOGY: linear
76      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4
77 GTACTGGTTG GCAACGATCA GTAATGCGAT G          31
79 (2) INFORMATION FOR SEQ ID NO: 5
80      (i) SEQUENCE CHARACTERISTICS:
81          (A) LENGTH: 28 nucleotides
82          (B) TYPE: nucleic acid
83          (C) STRANDEDNESS: single
84          (D) TOPOLOGY: linear
85      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5
86 CGGATTGCT GGTATCTATG ACAAGGAT          28
88 (2) INFORMATION FOR SEQ ID NO: 6
89      (i) SEQUENCE CHARACTERISTICS:
90          (A) LENGTH: 31 nucleotides
91          (B) TYPE: nucleic acid
92          (C) STRANDEDNESS: single
93          (D) TOPOLOGY: linear
94      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6
95 TTCATCCTTG TCATAGATAC CAGCAAATCC G          31
97 (2) INFORMATION FOR SEQ ID NO: 7
98      (i) SEQUENCE CHARACTERISTICS:
99          (A) LENGTH: 25 nucleotides
100         (B) TYPE: nucleic acid
101         (C) STRANDEDNESS: single
102         (D) TOPOLOGY: linear
103      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7
104 TCACCCACAC TGTGCCCATC TACGA          25
106 (2) INFORMATION FOR SEQ ID NO: 8
107      (i) SEQUENCE CHARACTERISTICS:
108          (A) LENGTH: 25 nucleotides
109          (B) TYPE: nucleic acid
110          (C) STRANDEDNESS: single

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111      (D) TOPOLOGY: linear
112      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8
113 CAGCGGAACC GCTCATTGCC AATGG          25
115 (2) INFORMATION FOR SEQ ID NO: 9
116      (i) SEQUENCE CHARACTERISTICS:
117          (A) LENGTH: 26 nucleotides
118          (B) TYPE: nucleic acid
119          (C) STRANDEDNESS: single
120          (D) TOPOLOGY: linear
121      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9
122 ATGCCCTCCC CCATGCCATC CTGCGT          26
124 (2) INFORMATION FOR SEQ ID NO: 10
125      (i) SEQUENCE CHARACTERISTICS:
126          (A) LENGTH: 30 nucleotides
127          (B) TYPE: nucleic acid
128          (C) STRANDEDNESS: single
129          (D) TOPOLOGY: linear
130      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10
131 AGACGCAGGA TGGCATGGGG GAGGGCATAC      30
133 (2) INFORMATION FOR SEQ ID NO: 11
134      (i) SEQUENCE CHARACTERISTICS:
135          (A) LENGTH: 24 nucleotides
136          (B) TYPE: nucleic acid
137          (C) STRANDEDNESS: single
138          (D) TOPOLOGY: linear
139      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11
140 CGCCCTGGAC TTCGAGCAAG AGAT            24
142 (2) INFORMATION FOR SEQ ID NO: 12
143      (i) SEQUENCE CHARACTERISTICS:
144          (A) LENGTH: 28 nucleotides
145          (B) TYPE: nucleic acid
146          (C) STRANDEDNESS: single
147          (D) TOPOLOGY: linear
148      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12
149 CCATCTCTTG CTCGAAGTCC AGGGCGAC      28
151 (2) INFORMATION FOR SEQ ID NO: 13
152      (i) SEQUENCE CHARACTERISTICS:
153          (A) LENGTH: 21 nucleotides
154          (B) TYPE: nucleic acid
155          (C) STRANDEDNESS: single
156          (D) TOPOLOGY: linear
157      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13
158 CAAGCTTCCC GTTCTCAGCC T              21
160 (2) INFORMATION FOR SEQ ID NO: 14
161      (i) SEQUENCE CHARACTERISTICS:
162          (A) LENGTH: 30 nucleotides
163          (B) TYPE: nucleic acid
164          (C) STRANDEDNESS: single
165          (D) TOPOLOGY: linear

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166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14

167 ACCGTCAAGG CTGAGAACGG GAAGCTTGTC

30

VERIFICATION SUMMARY

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L:25 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:26 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]